

## ABSTRACT

The present invention relates to a system and method for providing a user access to at least one host computer through a Keyboard, Video, and Mouse (KVM) switch based upon biometric authentication of the user. In one embodiment, a method is provided for permitting a user to access a KVM switch based upon biometric data associated with a user in a single user station environment and a multiple user environment. In another embodiment, a system is provided for permitting a user to access a KVM system in a single and/or multiple user environment based upon biometric data associated with the user. The system further provides for direct coupling of host computers to the KVM switch and/or utilizing host adapters to couple a host computer to an input station. The system is scalable by communicatively coupling a fabric which may include associations with host computers or additional fabrics to the host adapters in order to provide a user a logical connection to a wide assortment of host computers.